

Please note that clinical research including retrospective data and retrospective chart/file reviews requires IRB approval.  
 Research that does not obtain the proper approvals cannot be published.  
 Please contact the HWCOT Office of Research Administration for instructions on how to initiate your proposed research project.

FACULTY NAME/ RANK	CONTACT Email/Phone	RESEARCH INTEREST	FACULTY'S RESEARCH FUNDING SOURCE
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## Basic Science Departments

### Cellular Biology and Pharmacology

Georg Petroianu, MD, PhD Associate Dean, Professor and Founding Chair	gpetroia@fiu.edu 305-348-1486	Treatment of organophosphate / nerve gas exposure using novel oximes. Nanoization of oximes and innovative routes of administration	
Gagani Atluri, MD Associate Professor	gathauda@fiu.edu 305-348-1474	(i) Warfarin Pharmacogenetics Case-Based Learning (Co-PI) (ii) Integration of Clinical Science and Pharmacology in Osteoporosis Education (PI) (iii) Risk Communication with a Standardized Patient in Contraceptive Pharmacology (co-PI) (iv) Integration of a Clinical case with Basic Pharmacology to teach Cancer Chemotherapy in a 2nd year Hematopoietic/Lymphoreticular Course (PI) (v) Assessing the effects of an integrated longitudinal approach to the teaching of anti-microbial pharmacology (PI) (vi) Exploring the role of a simulation based clinical activity in the teaching of introductory pharmacology (Co-PI)	
Sakhrat Khizroev, PhD Professor	khizroev@fiu.edu 305-348-3724	Cancer nanotechnology research, nanotechnology for neurodegenerative diseases	NSF, Air Force Office of Scientific Research, Office of Naval Research
Barry P. Rosen, PhD Distinguished Professor	brosen@fiu.edu 305-348-0657	Arsenic biotransformations and bioremediation. We use a multidisciplinary approach from gene discovery to biochemistry/enzymology to x-ray crystallography	NIGMS and NIEHS
Masafumi Yoshinaga, PhD Assistant Professor	myoshina@fiu.edu 305-348-1489	Molecular mechanisms of arsenic detoxification and arsenic-based antibiotics synthesis by bacteria. Current projects: (i) Molecular mechanisms of degradation of environmental organoarsenic herbicides and growth promoters. (ii) Pathways and molecular mechanisms of activation/synthesis and detoxification of organoarsenic antibiotics.	N/A

## Human and Molecular Genetics

Jeff Boyd, PhD Associate Dean, Professor and Chair	jboyd@fiu.edu 305-348-0646	Molecular Genetics of Gynecologic and Breast Cancers	Baptist Health South Florida
Alexander Agoulnik, PhD Professor	aagoulni@fiu.edu 305-348-1483	Drug Discovery, G protein-coupled receptors (GPCR) signaling Reproductive hormones, testicular cancer	NIH Industry
Irina Agoulnik, PhD Associate Professor	iagoulni@fiu.edu 305-348-1475	Breast, Ovarian, and Prostate Cancer	NIH
Wenrui Duan, PhD Associate Professor	wduan@fiu.edu 305-348-9135	Developing cell and animal models for targeted therapy in cancers. He is also interested in developing novel biomarkers for identification of subgroups of patients who are most likely to respond to treatment of novel anticancer agents	Baptist Health South Florida
Kalai Mathee, PhD Professor	matheek@fiu.edu 305-348-0628	Molecular pathogenesis of Pseudomonas aeruginosa, antimicrobial resistance, carbon metabolism, comparative genomics, microbiome, and drug discovery.	NIH- R15
Helen Tempest, PhD Associate Professor	htempest@fiu.edu 305-348-1484	Focus on nuclear architecture, specifically how chromatin is organized within the interphase nucleus. Projects include: (i) Studying nuclear organization throughout spermatogenesis to determine the role and pattern of chromatin organization throughout cell differentiation, fertilization and embryogenesis; (ii) Examining how chromatin organization changes in response to DNA damage and repair; (iii) Researching whether unique patterns of organization can be utilized as novel diagnostic and prognostic tools in disease (e.g. ovarian cancer)	HWCOM

## Immunology

Madhavan Nair, PhD Associate Dean, Associate VP, Distinguished Professor and Founding Chair	nairm@fiu.edu 305-348-1493	Substance Abuse, HIV, interactive role of recreational drugs and HIV-1 infection on human immune system.	NIH
Marisela Agudelo, PhD Assistant Professor	magudelo@fiu.edu 305-348-6503	Alcohol Abuse/ dendritic cell function	NIAAA
Venkata Atluri, PhD Assistant Professor	vatluri@fiu.edu 305-348-6020	(i) Molecular neuropathogenesis of HIV infection in HIV infected drug abusers (ii) Neuroprotective role of Withaferin A in Alzheimer's disease treatment	HWCOM
Hitendra Chand, PhD Associate Professor	hchand@fiu.edu 305-348-1472	Airway remodeling and Chronic Mucous Hypersecretion in Asthma and COPD (i) Role of HIV-1 infection and substance abuse in chronic airway disease (ii) Targeting chronic diseases with nanotechnology - Inhalational Nano-delivery	NIH (NIAID) American Lung Assoc
Nazira El-Hage, PhD Associate Professor	nelhage@fiu.edu 305-348-4346	(i) Inflammation & Autophagy (ii) HIV & NeuroAIDS (iii) Zika Virus & Neurodegeneration (iv) Development of nano- therapeutics (v) Addiction & Substance abuse	(i) NIH/NIDA (ii) Florida Department of Health
Rahul Dev Jayant, PhD Assistant Professor	rjayant@fiu.edu 305-348-9063	(i) Nanomedicine, Anti-HIV & Anti-addiction Nano-therapeutics Nanoparticle and Liposome based novel drug delivery systems Novel biomaterials development for targeted drug delivery (ii) Development of high-throughput method for non-viral nanoparticle	HWCOM
Sudheesh Pilakka Kanthikeel, PhD Assistant Professor	spilakka@fiu.edu 305-348-0539	HIV restriction factors and its regulation	NIH
Hoshang Unwalla, PhD Associate Professor	hunwalla@fiu.edu 305-348-3442	Lung cancer and pulmonary complications in people living with HIV	FAMRI, NIH

## Medical and Population Health Sciences Resources

Juan Acuna, MD Associate Professor and Chair	jacuna@fiu.edu 305-348-0676	Research methods, educational research, reproductive health research, database research	Argosy NIH Baptist HWCOM
Noel Barengo, MD, PhD Assistant Professor	nbarengo@fiu.edu 305-348-4356	Diabetes prevention; public health; hypertension; physical activity; Research methods; educational research; tobacco control; cancer research; disease surveillance	HWCOM
Juan Lozano, MD, MSc. Professor	jlozanol@fiu.edu 305-348-6063	Clinical pediatrics, mostly acute respiratory infections (pneumonia and bronchiolitis), acute diarrhea and neonatology; Knowledge translation (accelerating the uptake of health research results by practitioners and policymakers)	HWCOM
Juan Ruiz, MD Associate Professor	jruizpel@fiu.edu 305-348-4354	Preterm and low body weight infants health (Kangaroo Mother Care), secondary data analysis, Evidence-based quality assessment/assurance, medical decision making.	HWCOM
Juan Carlos Zevallos, MD Associate Professor	juzevall@fiu.edu 305-348-7630	Cardiovascular research: (i) At Miami Cardio-Vascular Institute –MCVI during the summer of 2017 -“Catalog and chart of venous access history of patients with Percutaneous Cardiovascular Intervention (PCI)”. (ii) At Miami Cardio-Vascular Institute –MCVI starting from May, 2017 for 2 years – “Innovative Counseling Interventions for Local High-Risk Population to Address Disparities in Patients Residing in the Baptist Hospital Areas”. (iii) At FIU main campus/City of Sweetwater – “Sweetwater Project”. This project will provide students exposure to population-based research and access to data on a variety of health-related issues including mental health, chronic diseases, sexually transmittal disease, access and use of medical facilities, etc.	

# Clinical Departments Contact person in Orange

## Anesthesiology

S. Howard Wittels, MD Professor and Chair	s.wittels@fiu.edu 305-348-7977	(i) EKG Evaluation using Fast Fourier Transform in Normals, Stemi, and Stress Cardiomyopath (ii) Survey on Dealing with end of life /Death issues in the OR (iii) Evaluating effectiveness of Personal Protection Equipment in the OR (iv) Effectiveness of Hand washing in spreading Disease (v) Comparing traditional EKG to PPG for Rate and Rhythm	Mt. Sinai Medical Center
Gerald Rosen, MD Clinical Assistant Professor	gerald.rosen@msmc.com 305-674-2345 (Maribel)	(i) Comparison of four techniques of mask ventilation in inexperienced providers (ii) Comparison of Techniques of Mask Ventilation in Healthcare Care Providers	Mt. Sinai Medical Center

## Dermatology

Martin Zaiac, MD Associate Professor and Chair	mzaiac@fiu.edu 305-532-4478 X227 (Sandra)	Clinical research database survey	
Mercedes-Florez-White Associate Professor	mflorezw@fiu.edu 305-348-3627		

## Emergency Medicine and Critical Care

Robert Levine, MD Associate Dean, Professor and Founding Chair	rlevine@fiu.edu 305-348-1662 (Emily)	Clinical research database survey	
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## Radiation Oncology

Minesh Mehta, MD Professor and Founding Chair	MineshM@baptisthealth.net 786-527-8029	Clinical research database survey (i) demonstrating clinical benefit from advanced radiation technologies such as proton therapy (ii) exploring novel combinations of radiation and other agents (i.e. radiosensitizers, immunotherapy, targeted agents, nanotechnology, etc.) (iii) technologies or devices that mitigate radiation toxicity - as an example I am discussing a clinical trial with Anuradha Godavarty at FIU involving optimal imaging to assess radiation dermatitis after application of a skin cream in breast cancer patients (iv) comparative/cost effectiveness analyses	
Michael Chuong, MD Clinical Assistant Professor	michaelchu@baptisthealth.net 786-527-8140	Clinical research database survey	

## Humanities, Health and Society

Pedro Greer, MD Associate Dean, Professor and Chair	greerp@fiu.edu 305-348-0619	(i) The Academy: Policy analysis and valuation of health system intervention (ii) NHELP: South Miami Project: outcomes (iii) Intervention in patients with fatty liver to decrease co-morbidities	
Mavara Agrawal, MD Medical Director-Embrace	mmirzaag@fiu.edu 305-348-4059	(i) Evaluation of health status of individuals with special needs and utilizing the data collected to inform clinical practice, inter-disciplinary referrals, education of families/students/faculty/ and inform healthcare policy.	
Luther Brewster, PhD Associate Professor	brewster@fiu.edu 305-919-4245	Community based participatory research	
David Brown, MD Associate Professor	drbrown@fiu.edu 305-348-1495	Research, quality improvement, and evaluation projects in various stages of planning or execution related to NeighborhoodHELP curriculum, integrated care, interprofessional collaboration, population health, social determinants of health, medical-legal partnership, telemedicine, motivational interviewing, entrustable professional activities, learner assessment, tobacco, and obesity	
Paulo Chaves, MD, PhD Associate Professor	pdehendo@fiu.edu 305-348-4789	Benjamin Leon Jr Family Center for Geriatric Research & Education	
Iveris Martinez, PhD Associate Professor	imartine@fiu.edu 305-348-0622	Population Health and Aging	
Onelia Lage, MD Associate Professor	olage@fiu.edu 305-348-4823	Community based participatory research with the pediatric and AMA interest groups	
Jorge Camilo Mora, MD Associate Professor	jcmora@fiu.edu 305-348-0685	Geriatric Medical Education and Clinical Nutrition	
Sarah Stumbar, MD Assistant Professor	sstumbar@fiu.edu 305-348-7973	Primary interest in research regarding sexual and reproductive health, with a particular focus on long-acting reversible contraception (IUDs and implants) and abortion in the primary care setting	
Roland Tolchin, DO Clinical Assistant Professor	rtolchin@fiu.edu 786-596-2225	Using PSOCQ as a predictor of improved pain scores and disability status for patients with chronic low back pain	Baptist Health South Florida
Rebecca Toonkel, MD Assistant Dean and Assistant Professor	rtoonkel@fiu.edu 305-348-0669	<b>Educational Research</b> (i) Evaluation of a 4 year longitudinal training program for BLS/ACLS skills in medical students and integrated curriculum of antibiotic teaching (iii) Evaluation of an online learning platform for self-directed distance learning in 4th year medical students (iv) Evaluation of integrated case based approach to Musculoskeletal anatomy and to Chemotherapeutics comparison of small vs. large groups <b>Medical Research</b> (i) Efficacy/complications of brachytherapy for the treatment of prostate cancer (ii) Use of mesenchymal stem cells to treat of Idiopathic Pulmonary Fibrosis.	
Miguel Villalona-Calero, MD Professor	MiguelVil@baptisthealth.net 305-348-0669	Lung cancer, particularly in the area of developmental therapeutics, designing new and more effective drugs, clinical trials	Baptist Health South Florida

## Neuroscience

<p>Sergio Gonzalez-Arias, MD, PhD Executive Associate Dean for Clinical Affairs, Professor and Chair</p>	<p>semgonz@fiu.edu 305-348-3531</p>	<p>(i) EEG-triggered fMRI in epilepsy patients (ii) Measuring Participation and Executive Function in Individuals with Traumatic Brain Injury (TBI) (iii) iDEF Trial: Intracerebral hemorrhage DEFeroxamine trial (iv) Targeting soluble adenylyl cyclase in malignant gliomas using penetrant thermo-sensitive polymers (v) Effects of a Falls Prevention Program Following Hospital Discharge from a Neuroscience Unit (vi) Targeting soluble adenylyl cyclase in malignant gliomas using penetrant thermo-sensitive polymers (vii) The role of the soluble adenylyl cyclase in growth and survival of brain cancer cells, glial cells, and neurons</p>	<p>Baptist Health South Florida</p>
<p>Arlet Maria Acanda de la Rocha, PhD Post Doctoral Associate</p>	<p>aacandad@fiu.edu 305-348-8438</p>		
<p>Diana Barratt, MD Associate Professor</p>	<p>dbarratt@fiu.edu 305-348-6190</p>	<p>A comparative analysis of stroke comorbidities in Haitian and non-Haitian populations of South Florida</p>	<p>Baptist Health South Florida</p>
<p>Jeremy Chambers, PhD Assistant Professor</p>	<p>jwchamber@fiu.edu 305-348-4648</p>	<p>(i) Brain Tumor Physiology and Therapy: Molecular Etiology of Brain Tumors (ii) Metabolic Characterization of Patient-derived Brain Tumor Samples (iii) Therapeutic Prognosis Using Mitochondrial Profiling of Brain Tumors</p>	
<p>Barry Katzen, MD Clinical Professor  Raul Herrera, MD Clinical Assistant Professor</p>	<p>barryk@baptisthealth.net 786-596-5990  raulh@baptisthealth.net 786-596-3505</p>	<p>A randomized trial to demonstrate the direct aspiration as a first-line approach is not inferior to that of conventional first-line stent retriever approach in Acute Ischemic Stroke patients within 6 hours of symptom onset.</p>	<p>NIH- NINDS  Baptist Health South Florida</p>

## Urology

<p>Alan Nieder, MD Associate Professor and Chair</p>	<p>anieder@fiu.edu 305-348-0570</p>	<p>Research Programs in following areas: (i) Renal cell cancer (ii) Bladder cancer (iii) Ureteral/kidney stones (iv) Men's health/propism/penile fractures</p>	<p>Mt. Sinai Medical Center</p>
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## Obstetrics and Gynecology

Manuel Penalver, MD Professor and Chair	mapenalv@fiu.edu 305-663-7001	Analytical Research studies (i) Vaginal cuff complications after robotic hysterectomy with barbed vs non-barbed suture (ii) Does postoperative antibiotics decrease postoperative infectious morbidity after robotic or laparoscopic hysterectomy (iii) Detection rate of sentinel lymph node in endometrial and cervical cancer utilizing indocyanine green (ICG) fluorescence imaging vs methylene blue. (iv) ERAS Protocol in Benign Robotic Hysterectomies (v) Comparison of same day vs overnight stay robotic hyst: complications, and cost analysis (vi) Port site hernia after robotic hysterectomy 3 vs 4. (vii) Post-op complication rate for combined abdominoplasty and hysterectomy procedures	Baptist Health South Florida
Emery Salom, MD Assistant Professor	emsalom@fiu.edu 305-348-0570		
Sheldon Cherry, MD Associate Dean and Professor	shcherry@fiu.edu 305-348-4370	Clinical/applied research in obstetrics and gynecology	
Carla Lupi, MD Associate Dean and Professor	clupi@fiu.edu 305-348-0625	(i) Educational effect of summative assessment (how learners study differently for different testing formats) (ii) Student development as educators through PBL participation and feedback (iii) Student self-assessment of EBM skills (iv) Effect of participation in a research scholarship course on EBM skills (v) Learning effects, student perception, and faculty development for EBM integrated into small group case-based learning (vi) Faculty perceptions of just-in-time assessments using mobile platforms (vii) Student citations of and justification for use of Wikipedia in problem-based learning presentations	

## Ophthalmology

Pedro Lopez, MD Professor and Chair	pflopez@fiu.edu 305-348-7977	Clinical research database survey	
Jessica Ramella-Roman PhD Associate Professor	jramella@fiu.edu 305-348-3015	Optical imaging for biology. Use of non invasive microscopic techniques such as two photon and second harmonic microscopy for the characterization of disease	FIU Foundation
William Trattler, MD Clinical Associate Professor	wtrattler@gmail.com 305-598-2020	Refractive surgery and keratoconus	
Scheffer Tseng, MD, PhD Clinical Associate Professor	stseng@ocularsurface.com 305-348-7977	Cornea and ocular surface disease	

## Orthopedics

John Uribe, MD Professor and Chair	jwuribe@fiu.edu 305-348-7977	Prospective studies being planned for research projects: (i) Anterior Cruciate Ligament Reconstruction with the Hybrid Technique. (ii) Anterior Cruciate Ligament Reconstruction With Fresh Frozen Allograft. (iii) Use of Biologics ( PRP, Stem Cells) in Tendinopathies, and other orthopedic pathologies.	
Luis Vargas, MD Clinical Assistant Professor	luisva@baptisthealth.net 305-467-7698		

## Psychiatry and Behavioral Health

Daniel Casellanos, MD Assistant Dean, Professor and Founding Chair	dcastell@fiu.edu 305-348-4147	Flakka, substance abuse, child and adolescent psychiatry	
Rodolfo Bonnin, PhD Assistant Professor	rbonnin@fiu.edu 305-348-0660	Nervous System and Behavior	
Carissa Caban-Aleman, MD Assitant Professor	ccabanal@fiu.edu 305-348-3890	Integrated care, with a focus on the homeless population.	
Eduardo Camps-Romero, MD Assistant Professor	ecampsro@fiu.edu 305-348-4147	NHELP assessment project that will potentially turn into retrospective and prospective studies.	
Akiva Moshe Daum, MD Assistant Professor	adaum@fiu.edu 305-348-4147	Substance abuse management	
Adriana Foster, MD Professor	adfoster@fiu.edu 305-348-8463	Schizophrenia and industry-sponsored clinical treatment trials; Simulation in medical education	Health Foundation of South Florida
Leonard Gralnik, MD, PhD Assistant Professor	gralnikl@fiu.edu 305-348-4841	Suicide Prevention	
Aniuska Luna, PhD Research Coordinator	aniluna@fiu.edu 305-348-9076		
Eugenio Rothe, MD Professor	erothe@fiu.edu 305-348-3627	Child and Adolescent Psychiatry, Forensic (Medical-Legal) Psychiatry	
Margaret Sibley, PhD Associate Professor	msibley@fiu.edu 305-348-3005	Attention-Deficit/Hyperactivity Disorder (ADHD)	Institute of Education Sciences NIMH Klingenstein Third Generation Fnd

## Otolaryngology

Vijay Zaveri, MD Assistant Professor and Chair	vzaveri@fiu.edu 305-348-7977	Clinical research database survey	
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## Pathology

Robert Poppiti, MD Professor and Chair	poppiti@fiu.edu 305-348-7977	Clinical research database survey	
Amilcar Castellano-Sanchez, M.D Associate Professor	castelam@fiu.edu 305-348-7977	(i) Correlating the Gross Measurement with the Microscopic Measurement on Core Needle Biopsies and Surgical Excisions for The Assessment of Tumor Size in Breast Carcinoma (ii) Heparin induced thrombocytopenia ordering practices at Mount Sinai Medical Center (iii) Assessment of the uncinata margin in pancreaticoduodenal resection specimen: what is the correlation between patterns of nerve invasion and recurrence? (iv) Usefulness of neutrophilic markers and the Von Kossa and Masson's Trichrome stains in the postmortem diagnosis of pancreatitis. (v) Clinicopathological correlation of vimentin staining patterns in acute kidney injury: a surrogate marker of tubular regeneration/ injury?	
John Alexis, MD Clinical Associate Professor	john.alexis@msmc.com 305-674-2277	Dermatopathology/Immunohistochemistry	
Lydia Howard, MD Clinical Assistant Professor	lydia.howard@msmc.com 305-674-2277	Cardiovascular Pathology Transfusion Medicine	
Monica Recine, MD Clinical Assistant Professor	monica.recine@msmc.com 305-674-2277	Gynecological and Cytopathology, Microbiology	
Vathany Sriganeshan, MD Clinical Assistant Professor	vathany.sriganeshan@msmc.com 305-674-2277	Hematopathology Bone & Soft Tissue	
Yumna Omarzai, MD Clinical Assistant Professor	yumna.omarzai@msmc.com 305-674-2277	Urologic and Cytopathology	
Cristina Vincentelli, MD Clinical Assistant Professor	cristina.vincentelli@msmc.com 305-674-2277	Endocrine and Neuropathology	
Ana Maria Medina, MD Clinical Assistant Professor	ana.medina@msmc.com 305-674-2277	Cytopathology and Hematopathology	

## Pediatrics

Jefry Biehler, MD Associate Professor and Chair	jbiehle@fiu.edu 786-624-2890 (Vanessa)	Clinical research database survey	
Redmond Burke, MD Clinical Professor	Redmond.Burke@mch.com 305-348-7452 (Lynnette)	Cardiovascular Surgery	
Alejandro Diaz, MD Clinical Assistant Professor	Alejandro.Diaz@mch.com 305-348-7452 (Lynnette)	Endocrinology	
Magaly Diaz-Barbosa, MD Clinical Assistant Professor	Magaly.Diazbarbosa@fiu.edu 305-348-7452 (Lynnette)	Neonatology	
Kristine Guleserian, MD Clinical Associate Professor	Kristine.Guleserian@mch.com 305-348-7452 (Lynnette)	Cardiovascular Surgery	
Vivian Hernandez-Trujillo, MD Clinical Associate Professor	Vivian.Hernandez- Trujillo@mch.com 305-348-7452 (Lynnette)	Allergy Immunology	
Julie Kantor, MD Assistant Professor	jkantor@fiu.edu 305-348-7452 (Lynnette)	General Pediatrics	
Jason Katz, MD Clinical Assistant Professor	Jason.katz4@fiu.edu 305-348-7452 (Lynnette)	Cardiac Critical Care	
Keith Meyer, MD Clinical Associate Professor	Keith.Meyer@mch.com 305-348-7452 (Lynnette)	Critical Care Medicine	
Alisa Muñiz Crim, MD Clinical Assistant Professor	Alisa.MuñizCrim@mch.com 305-348-7452 (Lynnette)	Gastroenterology	
Jesse Reeves-Garcia, MD Clinical Professor	Jesse.Reeves- Garcia@mch.com 305-348-7452 (Lynnette)	Gastroenterology	
Anthony Rossi, MD Clinical Professor	Anthony.Rossi@mch.com 305-348-7452 (Lynnette)	Cardiology	
Balagangadhar Totappally, MD Clinical Professor	Balagangadhar.Totappally@ mch.com 305-348-7452 (Lynnette)	Critical Care Medicine	

## Radiology

<p>David Graham, MD Associate Dean, Professor and Founding Chair</p>	<p>dgraham@fiu.edu 305-348-6102</p>	<p>Clinical research database survey</p>	
<p>Guilherme Dabus, MD Clinical Associate Professor</p>	<p>Guilhermed@baptisthealth.net 786-596-5990</p>	<p>(i) HEAT Trial: New Generation <b>Hydrogel Endovascular Aneurysm Treatment Trial</b> (ii) SCENT Trial: The <b>Surpass IntraCranial Aneurysm EmbolizationN System Pivotal Trial to Treat Large or Giant Wide Neck Aneurysms</b> (iii) PREMIER Trial: <b>PR</b>ospective Study on <b>EM</b>bolization of Intracranial Aneurysms With Pipeline™ Embolization Device</p>	<p>Northwestern Univ Stryker Covidien</p>
<p>Barry Katzen, MD Clinical Professor</p> <p>Raul Herrera, MD Clinical Assistant Professor</p>	<p>barryk@baptisthealth.net 786-596-5990</p> <p>raulh@baptisthealth.net 786-596-3505</p>	<p>(i) CREST 2 Trial: <b>Carotid RE</b>vascularization and medical management for asymptomatic carotid <b>Stenosis Trial</b> (ii) Prospective Non-blinded Study to Determine the Relationship between Ablation Therapy for Atrial Fibrillation (AF), Quality of Life and AF Specific Symptoms at 1 year. (iii) Venous access history of patients to identify and provide knowledge to clinicians on patients who are undergoing interventional procedures. We are currently planning on performing a retrospective review of patients to determine central venous access (central lines, ports, PICCs, etc.) tip location in relation to anatomical landmarks on chest x-rays. (iv) AAA Database Data mining study on the genetic evaluation of individuals with AAA disease in the same family. (v) Tissue bank of Aortic valve leaflet collection following surgical resection for the evaluation of neurological formations and correlation of their clinical relevance in Aortic valve disease. (vi) Case report studies. We can currently offer a series of clinical cases that are unique and of great value to the field of Cardio-vascular medicine. (vii) We currently working to evaluate the correlation of AF and COPD and the implications of ablation therapy on each cohort of patients. (ix) Short pilot study designed to provide important information regarding the feasibility of the use of Ferumoxytol-enhanced MRA in Patients with AKI or CKD Stage 4 or 5, including the procedural steps for optimization, so a larger study could be designed. (x) A retrospective study to provide Retrospective Non-blinded Study Comparing the Clinical Outcomes of Percutaneous Mitral Valve Repair Therapy with the MitraClip Device for Functional Mitral Regurgitation</p>	<p>NIH- NINDS</p>

## Surgery

<p>Jaime Rodriguez, MD Associate Professor and Chair</p>	<p>jrodigz@fiu.edu 305-348-6169</p>	<p>Create evidence-based quality assurance registry at West Kendall Baptist Hospital for use by HWCOM medical students and to improve quality standards for surgeons at WKBH:</p> <ul style="list-style-type: none"> <li>(i) Value of intraoperative cholangiogram in elective cholecystectomy with normal LFT'S</li> <li>(ii) Evaluation of diagnostic imaging practices in patients that present with RUQ abdominal pain</li> <li>(iii) The association between risk factors leading to complications in laparoscopic hernia repair</li> <li>(iv) The association between the use of serotonin re-uptake inhibitors and post-surgical outcomes</li> <li>(v) The effect of race on morbidity from total hip replacement surgery</li> <li>(vi) What is the association between race and readmission rate for patients due to complications s/p laparoscopic cholecystectomy?</li> <li>(vii) Effect of BMI on post-operative days in West Kendall Baptist Hospital following laparoscopic colon resection for colon cancer.</li> <li>(vii) "When/if to stop anti-coagulation/anti-platelet therapy pre-operatively?"</li> <li>(ix) Is there an association between time of surgical intervention and prolonged LOS after surgery in patients diagnosed with subacute bacterial endocarditis at West Kendall Baptist Hospital</li> <li>(x) Insurance status as a determinant of rate of admission for patients receiving Colle's fracture repairs</li> <li>(xi) Association between On-Hour vs Off-Hour arrival to the E.R. and rates of complications for appendectomy</li> <li>(xii) Laparoscopy and Robotic Hemicolectomies: A comparison in a community hospital</li> </ul>	<p>Baptist Health South Florida</p>
		<ul style="list-style-type: none"> <li>(xiii) Exploring Robotic Surgery</li> <li>(xiv) Diagnostic Imaging for Gallbladder Surgery. A pilot study</li> <li>(vx) Are appendectomy delays associated with increased risk of post-operative complications? A pilot study</li> <li>(vxi) Kidney Transplant Protocol</li> </ul>	
<p>Juan Gonzalez Research Coordinator</p>	<p>jcgonzal@fiu.edu 305-348-4358</p>		
<p>Seza Gulec, MD Professor</p>	<p>sgulec@fiu.edu 305-348-0570</p>	<p>Research Programs in pancreatic and liver cancer</p>	<p>Rupe Foundation Rinker Foundation</p>